September *Update*

MEINHARDT IN FOCUS

As the 3rd quarter of 2021 draws to a close, **we have seen an encouraging number of engineering design and consultancy enquiries in both the Thailand and Myanmar construction sectors.** We continue to service all of our clients' projects as usual. In both the Yangon and Bangkok offices, we are fully operational in a work from home format and are optimistic that 2022 will see a strong upturn in new work as we respond to many enquiries of all sizes, for both local and international projects.

We hope to be able to fully reopen Bangkok head office later in the year with majority of our staff being fully vaccinated by the middle of Q4.

Theera Wattanasup
Director

PROJECT IN FOCUS

Smart Living Hub, Demonstration zone Sector 10 is a 39 ha portion of the larger Jolshiri Abashon masterplan in Dhaka city, Bangladesh. The project site is located alongside of the Balu River which passes to the west of the site. Sector 10 is divided into several zones providing diversity within the new district, creating a livable neighborhood. These zones include a Linear Green Corridor, Commercial, Residential, Cultural and Community clusters. The smart city concept integrates information and communication technology (ICT), to optimize the efficiency of city operations and services and connection to its citizens.

Meinhardt is providing **Masterplanning and Urban Design** to the project.

STAFF IN FOCUS

Theerawat Theerasuksakul
Executive Structural Engineer

Khun **Theerawat Theerasuksakul,** Executive Structural Engineer, joined Meinhardt in 2007. Following studying for a Bachelor's Degree in Civil Engineering, he obtained a Master's Degree in Structural Engineering from Thammasat University, Thailand. Khun Theerawat has over 15 years of experience in structural engineering design and seismic design of high-rise residential and commercial projects.

"It has been a great pleasure being a part of a talented professional team at Meinhardt – getting opportunities to work on several landmark projects in Bangkok."

FACT IN FOCUS

ETFE (Ethylene Tetrafluoroethylene), a fluorine-based plastic is becoming more common and widely used for façade technology largely due to its resistance to extreme environmental influences and its high sustainability rating. While it's not right for every project, ETFE has unique qualities as it is less expensive and light weight (99 percent lighter than glass), easily recyclable and long-lasting. ETFE façades also filters out ultraviolet light and reacts to the changing weather conditions. The flexibility offered by ETFE foils is proving attractive for architects seeing a rising increase in this particular detail in facades.

In the event of a fire ETFE does not promote the spread of flames because it self-extinguishes and does not generate any flaming droplets or particles. If hot gases or flames come into contact with ETFE cladding forming part of the building envelope, it will melt and shrink back from the area affected allowing hot gases and smoke to be vented from the building.